SEG FORUM

SEG Geosciences Professional Development Forum

Inspire, Connect, and Propel— from Conventional to Unconventional

Abu Dhabi, UAE • 28–30 September 2014

Society of Exploration Geophysicists
The international society of applied geophysics

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ADMA OPCO

Technical Committee Members

Samir Abdelmoaty *Samir Abdelmoaty received a bachelor's in physics and geology from Cairo University (1971), and a master's in geophysics (1989). He also attended the International Management Program at Texas A&M and The Management Program for Executives at Rice University.*

Abdelmoaty worked with the Academy of Scientific Research, GUPCO, and in 1993 became the president of PGS Middle East. In 1995, he joined BP Egypt (then Amoco), eventually becoming the Nile Delta exploration manager, where his involvement lead to multi-tcf gas discoveries. During his 42-year career, he has worked all aspects of applied geophysics and then became advisor to BP on exploration and petroleum agreements. Abdelmoaty is currently the general manger of TPS.

Abdelmoaty has served as the Africa and Middle East representative on the Council, chairman of the Global Affairs Committee, chairman of the International Showcase and Global Theater, and as a member of the Constitution and By-Laws, Council Ad-Hoc, Meeting Review committees, and chairman of the board of SEG Global Inc. Currently, he is president of the Egyptian Geophysical Society and an SEG director at large.

Wafik Beydoun *Since July 2013, Wafik Beydoun has been manager of the newly created Research and Development Division in the E&P Directorate of ADNOC (UAE). Previously, he was president and CEO of Total E&P Research and Technology USA, LLC in Houston. A brief review of his background includes ARCO's Research and Technical Services in Plano, Texas (US) in 1987. He then joined Total in 1991 in different leadership and management positions: project leader at the Geoscience Research Centre in the United Kingdom; seismic interpreter on UK, Congo, and Angola assets; chief geophysicist in Angola; area exploration manager for Blocks 17 and 33 in Angola; manager Geophysical Operations and Technology Worldwide; senior negotiator New Ventures and Asset Management; and business development manager in E&P Technology and R&D.*

Wafik Beydoun holds a Licence and Maitrise of physics from the University of Paris 6 (France), and an MSc in earth sciences and a PhD in geophysics, both from the Massachusetts Institute of Technology. He has more than 70 publications and communications.

Hiroshi Hagiwara *has been an Advisor Geophysics of Abu Dhabi National Oil Company (ADNOC) since 2011. He received a Bachelor of Engineering in geophysics (1989) and Master of Science in geophysics (1991) from Tokai University. His early time in the industry involved seismic data processing at JAPEX and JGI, Inc. and prospect evaluations at Japan Oil Development Company (JODCO). In 1995, after his short-term assignment to ADMA-OPCO, he was devoted to R&D projects at Japan National Oil Corporation JNOC (today's JOGMEC). In 1998, he was again seconded to ADMA-OPCO for seven years and was in charge of a world-class offshore 3D seismic project over a super-giant offshore production field. In 2009, after he served various technical works at INPEX in Tokyo, he worked for INEPX/JODCO Abu Dhabi office as an Assistant General Manager. His current technical interests include carbonate reservoir geophysics, seismic field data acquisition design, field operations, data processing, borehole/seismic integration, and project management.*

Hiroshi Hagiwara has also been a key member of the SEG Middle East Advisory committee from 2012-2014. In this capacity, he has provided support in strategizing SEG Middle East activities and their effective execution across the Middle East region and mainly UAE.

Jennifer Coconnier-Thomas *With a total of 30 years' experience in HR management and talent development across the Total group in Refining, Marketing, Chemicals, Jennifer Coconnier has spent the past 15 years working within HR for the exploration and production sector. This included setting up professionalization paths for the drilling and field operations populations worldwide. Until recently, she headed career development for a population of senior managers and future company leaders. Since the end of 2013, she has been the senior adviser Human Capabilities with Total E&P UAE, sharing HR know-how with ADNOC and its group of companies focusing on leadership and talent development Initiatives for UAE nationals.*

Maria Capello *is an experienced executive consultant for the oil and gas industry, an expert in upstream, with proven results and innovative implementations in Latin America, the USA, and the Middle East. With 29 years of experience in technical, managerial, and consulting roles, she has launched pioneering and innovative initiatives for companies like Petroleos de Venezuela PDVSA, Halliburton, and Kuwait Oil Company KOC for field development, research and development, talent development, oil industry-academia partnerships, and gender-diversity.*

Capello currently works for Kuwait Oil Company, the second largest NOC in the Middle East and the seventh in the world, as a consultant for the deputy CEO of the South and East Kuwait Asset, the largest asset of KOC, producing 1.7 million barrels of oil per day. She is currently dedicated to the planning and other strategic initiatives of the Directorate.

She is a physicist and geophysicist from the Simon Bolivar University (Venezuela), and has a Master in Science in geophysical engineering from the Colorado School of Mines (USA). Capello is certificated in business, management, and talent development. She is an active volunteer for the largest professional societies of the oil and gas sector. She has been vice president of the SEG - Society of Exploration Geophysicists and is the current chair of the SEG Women's Network. Capello has received the SPE "Distinguished Membership" and the "Regional Service" awards. She also has been given the SEG "Honorary Lifetime Membership" award due to her exceptionally meritorious service and notable career in the oil industry.

Mohamed Abd El Sattar *is the exploration general manager of Emirates National Oil Co. (ENOC). He joined the industry in 1974. Abd El Sattar spent 11 years in operations and exploration positions in the Gulf of Suez with Amoco's Egyptian Operating Company, 17 years in E&P (1985 till 2002) with Abu Dhabi National Oil Co. (ADNOC), and then worked for eight years with Abu Dhabi Company for Onshore Oil Operations (ADCO) in E&P and specialists teams. He spent two years (part time) with the Petroleum Institute in Abu Dhabi teaching structure and tectonics courses. In 2010, he joined ENOC as exploration general manager. He has more than 25 publications and papers in the AAPG, SPE, Geo, and ADIPEC conferences.*

Mohammed Y. Ali *has a Bachelor of Science in exploration geology from Cardiff University, a Master of Science in geophysics from Birmingham University, a postgraduate certificate in education from UWCN, and a PhD in marine geophysics from Oxford University, UK. His current research projects are focused on exploration geophysics in the areas of passive seismic, seismic stratigraphy, and reservoir characterization and modelling. Other research interests include basin analysis, crustal studies, and the structure of passive margins. Ali joined the Petroleum Institute in 2003 and currently, he is an associate professor of geophysics. He is a fellow of the Geological Society of London and a member of the SEG, EAGE, and AGU.*

Kamal Belaid *obtained a Master of Science in geophysics in 1976 from Paris-VI University and an engineer geophysicist diploma from IFP in 1977.*

From August 1977 to October 1982, he worked as an exploration geophysicist with ETAP and AMOCO in Tunisia. In November 1982, he moved to Abu Dhabi, UAE and started as an exploration geophysicist in ADMA-OPCO. He was then promoted to geosciences team leader and currently holds the position of manager geosciences standards.

During his tenure in ADMA-OPCO, he got exposure and contributed to almost all types of technical and management aspects related to seismic activities, team work leadership skills and young professionals' development.

Ahmed Sabry *has 16 years of experience with Schlumberger in various roles and assignments. In 1998, he started as a geophysicist covering seismic processing and inversion services based in Cairo. His skills developed to cover Middle East seismic reservoir characterization activities and projects. In 2008, he was the reservoir seismic services projects manager for Kuwait, Saudi, and Bahrain based in Kuwait. In 2010, he became the Kuwait Consulting services manager, managing a multidisciplinary team of geoscientists and engineers to deliver subsurface studies and FDPs.*

From 2011 to 2012, he was the Middle East, and then Eastern Hemisphere, career and staffing manager for geoscientists and petroleum engineers for Schlumberger, based in Dubai. In 2012, Sabry took the role of UAE data services manager, managing a team of over 25 geoscientists and engineers. In June 2014, he took the role of UAE geoscience and petroleum engineering business manager.

Ahmed Holds a B.Sc. degree on Physics (on 1998) and Diploma on Geophysics [Seismic Exploration] (on 2000) from Cairo University. Currently, he is doing his M.Sc. on Petroleum Engineering from Heriot-Watt University.

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Sunday, 28 September

5:00–7:00 pm ..... **Registration:** *Crystal Ballroom C Pre-Function Area*

Monday, 29 September

7:00–7:55 am..... **Registration:** *Crystal Ballroom C*
8:00–8:05 am..... **Opening address:** *Workshop co-chair Samir Abdelmoaty*
8:05–8:25 am..... **Keynote Speech:** *Omar Ahmed Suwaina Alsuwaidi, Abu Dhabi National Oil Company (ADNOC)*

➤ *Session 1 Academia-Industry Alignment*

Session Chair..... *Samir Abdelmoaty, Technical Petroleum Services (TPS)*
8:25–8:45 am..... **Science and Technology and the KAUST Experience: Filling All Kinds of Gaps** *Tariq Al Khalifah, King Abdullah University of Science and Technology (KAUST)*
8:45–9:05 am..... **The Start of Unconventional Era in the Middle East** *Khalil Juma Mahmood Al Hooti, Sultan Qaboos Uinversity (SQU)*
9:05–9:25 am..... **How the Academia Can Work with Industry to Provide the Right Graduate** *Thomas Steuber, The Petroleum Institute (PI)*
9:25–9:45 am..... **Al Amal Program: Bridge Your Future** *Samir Abdelmoaty, Technical Petroleum Services (TPS)*
9:45–10:30 am..... Discussion
10:30–11:00 am..... Tea and Coffee Break

➤ *Session 2 Innovative Approaches to Training*

Session Chair..... *Jennifer Coconnier-Thomas, Total*
11:00–11:25 am..... **New Training Scheme for Geoscientist Development** *Jennifer Coconnier-Thomas, Total*
11:25–11:50 am..... **Professional Development at CGG: Managing Growth, Focusing on People** *Florence Gallois, CGG*
11:50 am–12:15 pm..... **Innovative Approaches to Training for Geoscience Professionals** *Arathi L. Mahesh, Schlumberger*
12:15–1:00 pm ..... Discussion
1:00–2:25 pm ..... Lunch at Corniche Restaurant

➤ *Session 3 Growing Next Generation of O&G*

2:25–2:45 pm ..... **Keynote Speech:** *Aseel Hamoodi, Abu Dhabi Company for Onshore Oil Operations (ADCO)*
Session Chair..... *Aseel Hamoodi, Abu Dhabi Company for Onshore Oil Operations (ADCO)*
2:45–3:05 pm ..... **What Make Me Good Young Professional?** *Afra Ahmed Ali Salem Al Jaberi, United Arab Emirates University (UAEU)*
3:05–3:25 pm ..... **Kuwait Oil Company Training Development Plan** *Ali Awadh Al-Enezi, Kuwait Oil Company (KOC)*
3:25–3:45 pm ..... **Developing Young Professional Geoscientists to Develop Unconventional Resources** *Saif Al Azri, Petroleum Development Oman (PDO)*
3:45–4:30 pm ..... Discussion

7:00–9:30 pm ..... **Gala Dinner & Networking at Chill'O Restaurant**
Gala Dinner will begin with Opening Speech by Maria Angelo Capello

Tuesday, 30 September

8:00–8:20 am..... **Keynote Speech:** *Ahmed Al Hendi, Abu Dhabi Marine Operating Company (ADMA-OPCO)*

➤ *Session 4 IOC/NOC PD Strategies and Challenges*

Session Chair..... *Hiroshi Hagiwara, Abu Dhabi National Oil Company (ADNOC)*
8:20–8:45 am..... **The Unconventional Resources Revolution in the MENA Countries** *Philippe Charlez, Total*
8:45–9:10 am..... **Developing Future Capability and Organisations by Design** *Graham J Walker, BP*
9:10–9:35 am..... **The Importance of Physics and Geophysics in the Petroleum Industry** *Norman Grieve, Shell*
9:35–10:20 am..... Discussion
10:20–10:50 am..... Tea and Coffee Break

➤ *Session 5 Services Providers PD Challenges and Strategies*

Session Chair..... *Ahmed Sabry, Schlumberger*
10:50–11:15 am..... **Professional Development Challenges and Strategies** *Zeena Al Naamani, Halliburton*
11:15–11:40 am..... **NPCC Development Programs** *Duaa Hassan, NPCC*
11:40 am–12:05 pm..... **Best Practices and Challenges for a Globally Deployed and Diverse Workforce** *John Tinnin, Baker Hughes*
12:05–12:50 pm ..... Discussion
12:50–1:50 pm ..... Lunch at Corniche Restaurant

➤ *Session 6 Professional Development Intersociety Panel*

1:50–2:10 pm ..... **Keynote Speech:** *Ahmed Jasem Al Shamsi, Mubadala Petroleum*
Session Chair..... *Wafik Beydoun, Abu Dhabi National Oil Company (ADNOC)*
2:10–2:25 pm ..... **Effective Training for the Young Upstream Generation** *Robert Kuchinski, American Association of Petroleum Geologists*
2:25–2:40 pm ..... **Building Organizational Capability and Knowledge Management** *Duaa Hassan, The Society of Petroleum Engineers*
2:40–2:55 pm ..... **Professional Development Forum** *Wafik Beydoun, Society of Exploration Geophysicists*
2:55–3:40 pm ..... Closing Discussion: *Workshop co-chair Wafik Beydoun*

IHRDC
SEG Professional Development continues to expand IHRDC eLearning Library
39 Action Courses have now been added!
For more information or a complete list of courses, visit www.seg.org/ondemand
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Keynote Speakers

Omar Ahmed Suwaina Alsuwaidi, *Deputy Director, Strategy and Coordination, Abu Dhabi National Oil Company (ADNOC), is the Deputy Director for Strategy & Coordination with the Abu Dhabi National Oil Company (ADNOC). Omar has been with ADNOC for 24 years with roles mainly in Upstream E&P, as Onshore Areas Manager and previously as Exploration Manager; in the fields of Oil & Gas exploration, development & production, and Concessions Joint Ventures setup. Current roles include Corporate Long Term Strategy, JVs, Planning and Performance. He is also a member of the Board of Directors for the National Drilling Company. Omar has a B.Sc. from the Colorado School of Mines in Geological Engineering.*

Ahmed Al-Hendi *holds a Bachelor of Science degree in chemical and petroleum engineering from UAE University. He joined ADMA-OPCO in 1991 as a reservoir engineer. During his early years, he worked in various technical and operational areas within ADMA-OPCO before specializing in reservoir simulation studies. Among his key achievements are: the Subsurface Design of Gas Injection Pilots and Crestal Gas Injection in Zakum Field. His areas of specialty include field development and reservoir management. He is currently in charge of the development and deployment of subsurface technology in ADMA-OPCO, including research and development and EOR applications.*

Al-Hendi is a member of the oil research and development subcommittee of ADNOC group of companies.

Aseel Hamoodi *has had a 29-year career journey spanning across various functions within ADCO including responsibilities for the company's facilities management, corporate IT strategy, organization development and business support covering a portfolio of corporate planning, performance management, and workforce planning. Her current role focuses on developing and building the pipeline of technical and leadership capability for the company. Her qualifications include a bachelor's degree from the University of Michigan School of Art and Architecture, a master certificate in project management, and a diploma in executive development from the Institute of Management Development (IMD) in Switzerland.*

Ahmed Jasem Al Shamsi, *Vice President, Human Resources, Mubadala Petroleum, joined Mubadala Petroleum in January of 2010 and has primary responsibility for leading the global Human Resources function and accountability for creating and implementing HR strategies to support Mubadala Petroleum's expanding business.*

Fifteen years of diverse experience in the HR field gained with local and international companies, supporting established operations as well as startup enterprises, where he has been directly involved in setting up HR strategies, policies and frameworks. Over the years have been involved and managed various projects in the areas such as; organization restructure, leadership development, talent management, performance management system, reward, etc. started career with Abu Dhabi Water & Electricity Authority in recruitment and progressed to become the head of Human Resources Department. After that, worked for BP as Regional HR Manager for the company's downstream business in Middle East.

Immediately before joining Mubadala, was Human Resources Director of Tatweer, a conglomerate and part of the Dubai Holding Group. Was part of the corporate HR team advising on and managing the restructure of the Group during the challenging period of the 2009 economic downturn. Holds a Masters degree in Human Resources Management from Webster University and a Bachelor's in MIS from University of South Carolina in the United States.

2014 SEG Workshop
3–5 November 2014

Exploiting Deep-gas Resources through Advanced Geophysical Technology

Location: **Muscat, Oman**
Venue: **Grand Hyatt Muscat Hotel**

Register Online

www.seg.org/events/upcoming-seg-meetings/oman2014

Advance registration ends 2 October 2014

For more information:
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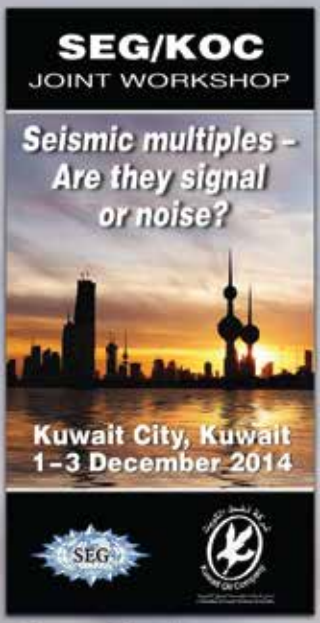
Petroleum Development Oman

ORGANIZING COMMITTEE

Aiman Bakhorji (Chairman) Saudi Aramco; **Mohammed Badri** (Chairman) Schlumberger; **Abdulmohsin Dolaijan**, Geotechnology and Services; **A. Nabi Mukhtar**, BAPCO; **Adnan Omar Bu Fateem**, Mubadala Petroleum; **Badria Abdul Raheem**, KOC; **Bill Lindsay**, Baker Hughes; **Mahfoud Al-jenaibi**, ADCO; **Mohammed Mugheiry**, OOCEP; **Fred Mittaine**, CGG; **Pedro Balaguera**, PDO; **Simon Robinson**, Anadarko



2014 SEG/KOC Workshop
1–3 December 2014

Seismic multiples — Are they signal or noise?

Location: **Kuwait City, Kuwait**
Venue: **The Regency Kuwait Hotel**

Register Online

www.seg.org/events/upcoming-seg-meetings/kuwait2014

Advance registration ends 3 November 2014

For more information:
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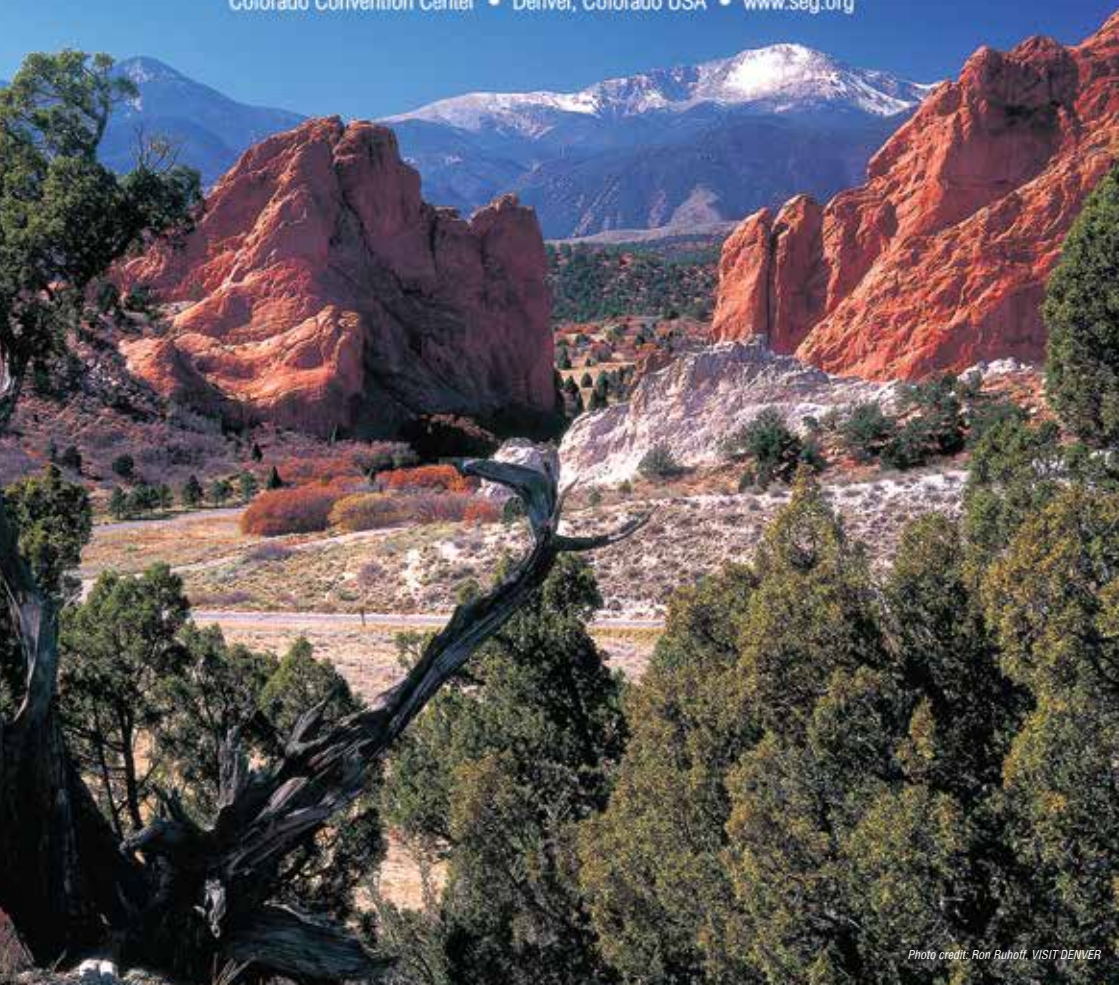
SEG DENVER

26-31 OCTOBER 2014

Society of Exploration Geophysicists International Exposition and 84th Annual Meeting
Colorado Convention Center • Denver, Colorado USA • www.seg.org



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Society of Exploration Geophysicists
The international society of applied geophysics

SEG Middle East - Calendar of Events

OCTOBER 2014

SEG International Exposition and 84th Annual Meeting
Denver, Colorado, USA
Registration Open!
www.seg.org/am

- 26–31 October 2014 – Colorado Convention Center

NOVEMBER 2014

Exploiting Deep-gas Resources through Advanced Geophysical Technology
www.seg.org/meetings/Oman2014
Registration and Sponsorship Open!

- 3–5 November 2014 – Muscat, Oman

2014 Distinguished Instructor Short Course – Shawn Maxwell
Microseismic Imaging of Hydraulic Fracturing: Improved Engineering of Unconventional Shale Reservoirs
www.seg.org/disc

- 23 November – Abu Dhabi, UAE
- 25 November – Abu Dhabi, UAE
- 27 November – Dhahran, Saudi Arabia

DECEMBER 2014

Seismic multiples – Are they signal or noise?
www.seg.org/meetings/Kuwait14
Registration and Sponsorship Open!

- 1–3 December 2014 – Kuwait City, Kuwait

Middle East & Africa Honorary Lecturer Bruce Blake
Improving seismic structural time-map accuracy with better near-surface measurements
www.seg.org/hl

- 2–3 December 2014 Algiers, Algeria
- 7 December 2014 Cairo, Egypt
- 9 December 2014 Al Ain, UAE
- 9 December 2014 Abu Dhabi, UAE
- 10 December 2014 Dhahran, Saudi Arabia
- 11 December 2014 Thuwal, Saudi Arabia
- 14–15 December 2014 Muscat, Oman

MARCH 2015

3rd SEG Middle East Geoscience Student Symposium
Sponsorship Open!

- 23-25 March 2015 (More information coming soon)

Full Waveform Inversion: Filling the gaps
Sponsorship Open!

- 30 March – 01 April 2015 – Abu Dhabi, UAE (More information coming soon)

APRIL 2015

SEG-SPE Giant Fields Monitoring
Sponsorship Open!

- 13–15 April 2015 – Abu Dhabi, UAE (More information coming soon)

MAY 2015

Intrashelf Basins of the Middle East Workshop
Sponsorship Open!

- 11–13 May 2015 Dubai, UAE (More information coming soon)

Notes: